

**To:** Peter Butler[butlerpeter2@gmail.com]  
**Cc:** Lisa Richardson[lrichard@blm.gov]; Schmittiel, Paula[Schmittiel.Paula@epa.gov]; Way, Steven[way.steven@epa.gov]  
**From:** Wall, Dan  
**Sent:** Tue 2/25/2014 5:59:25 PM  
**Subject:** RE: Sippers in the Animas

Hi Peter

We will be placing a mini-sipper just above Arastra at A56, A68 and A72 (plus some canyon stations). This should capture influences above Silverton.

**From:** Peter Butler [mailto:butlerpeter2@gmail.com]  
**Sent:** Friday, February 21, 2014 2:01 PM  
**To:** Wall, Dan  
**Cc:** Lisa Richardson  
**Subject:** Sippers in the Animas

Dan – I understand you are planning to place some sippers in the Animas Watershed this spring. If you are going to place one at A68 in Silverton, we'd like to request one at the Howardsville gage farther upstream. Almost every year we see high concentrations of zinc, manganese and cadmium at A68 in April. The cadmium is up around the acute standard. See the graphs in the attached spreadsheet. Most of us believe the sources are between Howardsville and Silverton during snowmelt on the south-facing slopes. We'd like to see if that's true and then look more closely for the source.

Peter Butler

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